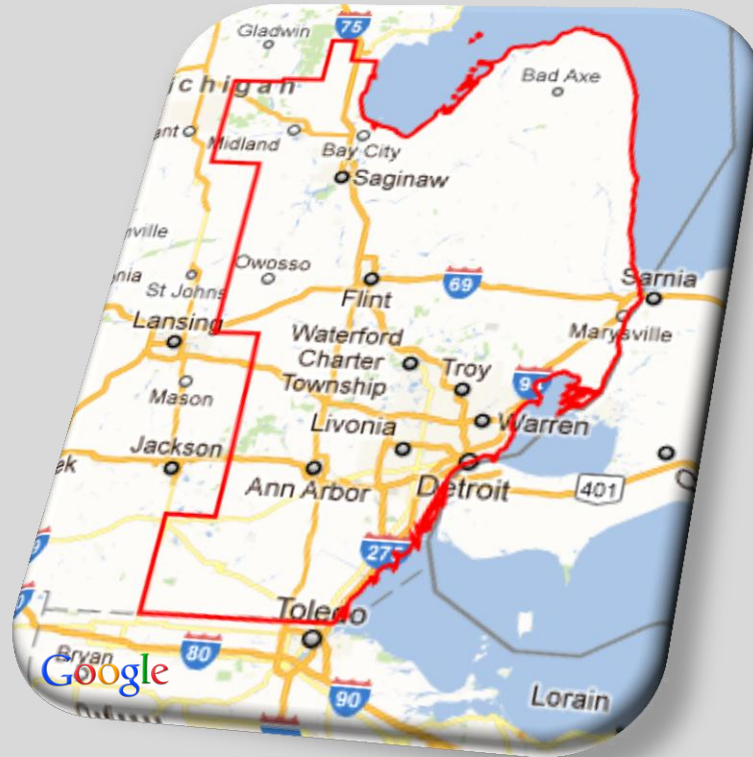




Weather Briefing

February 26, 2013



National Weather Service
Detroit/Pontiac, MI

<http://www.weather.gov/dtx>

Email: w-dtx.webmaster@noaa.gov

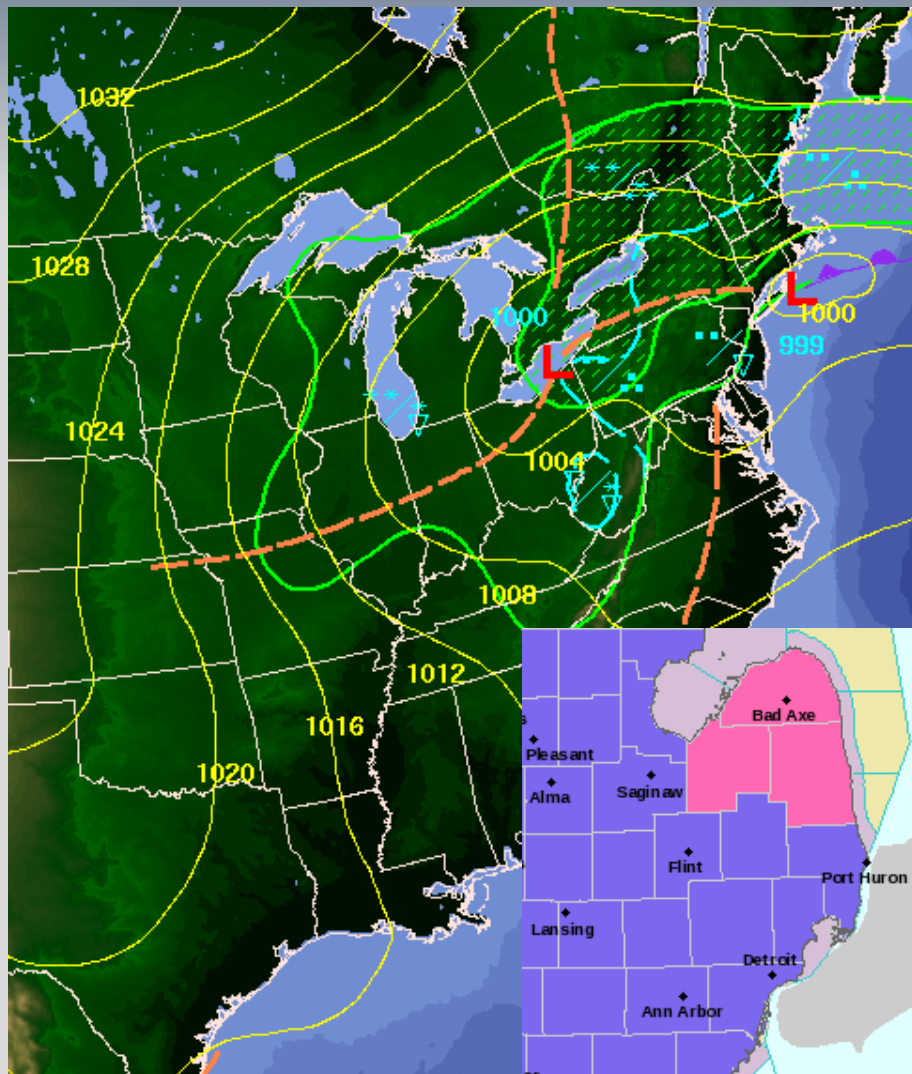


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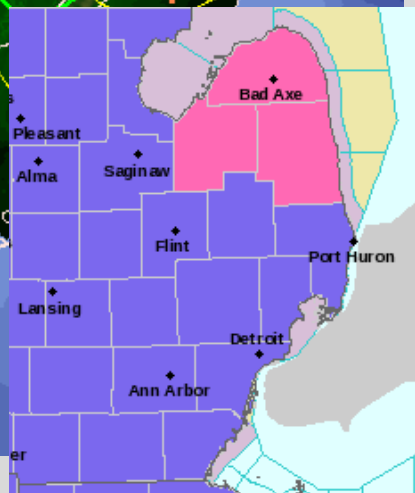




Decision Support Briefing Highlights



Forecast for Today



Event Summary

Winter Storm Warning

This Evening through Wednesday Morning

5 to 8 inches of snow expected

Winter Weather Advisory

This afternoon through Wednesday Morning

2-5 inches of snow expected

Precipitation will begin as a period of freezing rain and sleet south of Interstate 69. Precipitation will transition to snow everywhere around sunset.



Winter Watch Hazard Risk Assessment



Extreme

High

Moderate

Low



**This Potential Event is a
Common to Rare
Weather Event**

**Potential to Cause Disruption to
Daily Life**

Recovery Time

**Around When Weather Hazard
Ends to a Couple of Days**

Extreme:

- Historic Weather Hazard/Event
- Life Threatening
- Total disruption of daily life
- Recovery Time: days to one week

High:

- Rare Weather Hazard/Event
- Potentially Life Threatening
- Widespread disruption of daily life
- Recovery Time: hours to a couple days

Moderate:


- Common Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: +/- 6 hrs of when weather ends



Potential Impacts



Road Conditions	<ul style="list-style-type: none">Roads covered with heavy wet snow will result in poor traction
Additional Potential Impacts	<ul style="list-style-type: none">Glazing on elevated and untreated surfaces south of I-69Low visibility due to high snowfall rates

Power Outage Potential	High	Medium 	Low
Blowing/Drifting Potential	High	Medium	Low 



Timing of Winter Weather



Beginning

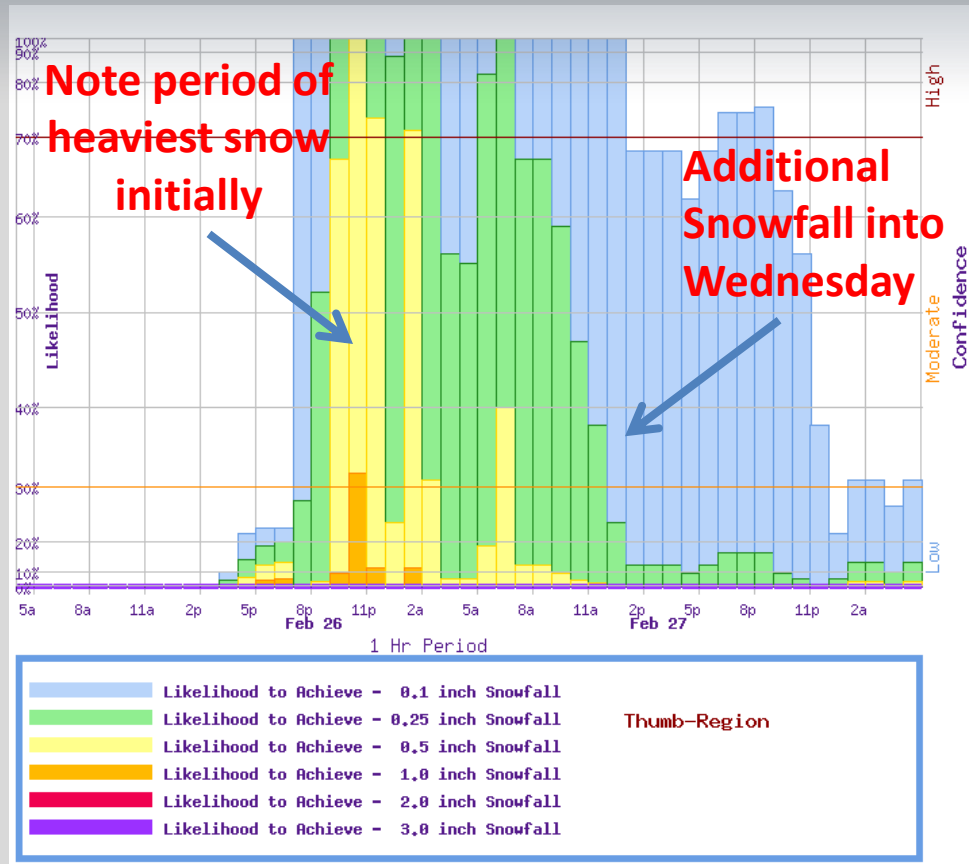
- Mixed precipitation south of I-69, will transition to snow as it expands from south to north this afternoon

Heaviest

- The heaviest snow is expected from late afternoon into evening.

Ending

- Persistent light snowfall will persist into Wednesday



Hourly Snowfall

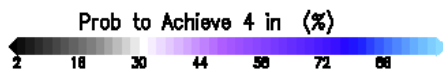
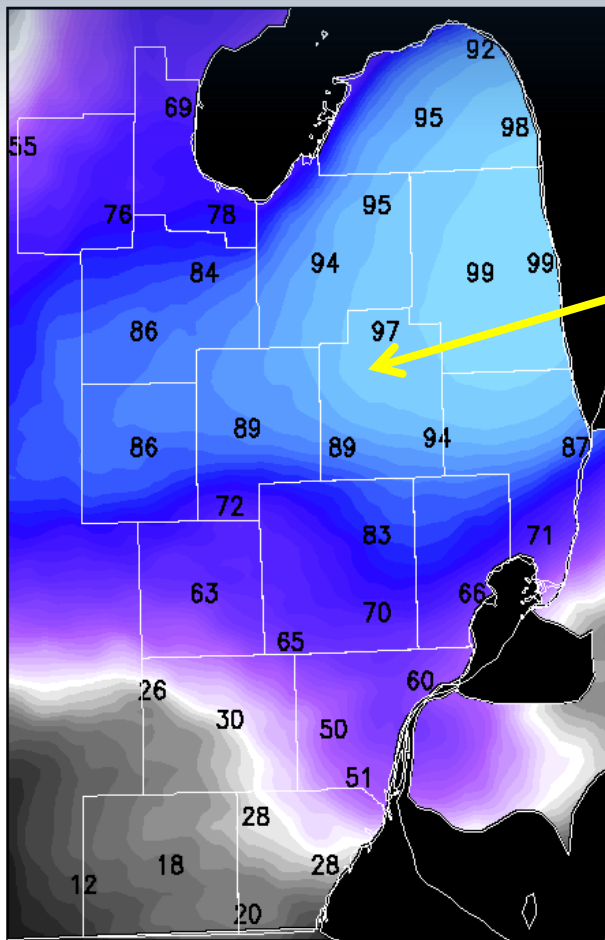


Snowfall Confidence

Storm Total by Wednesday



Storm PSnow (%) thru 02/27/2013 18EST

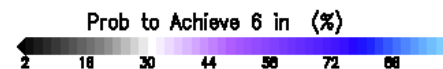
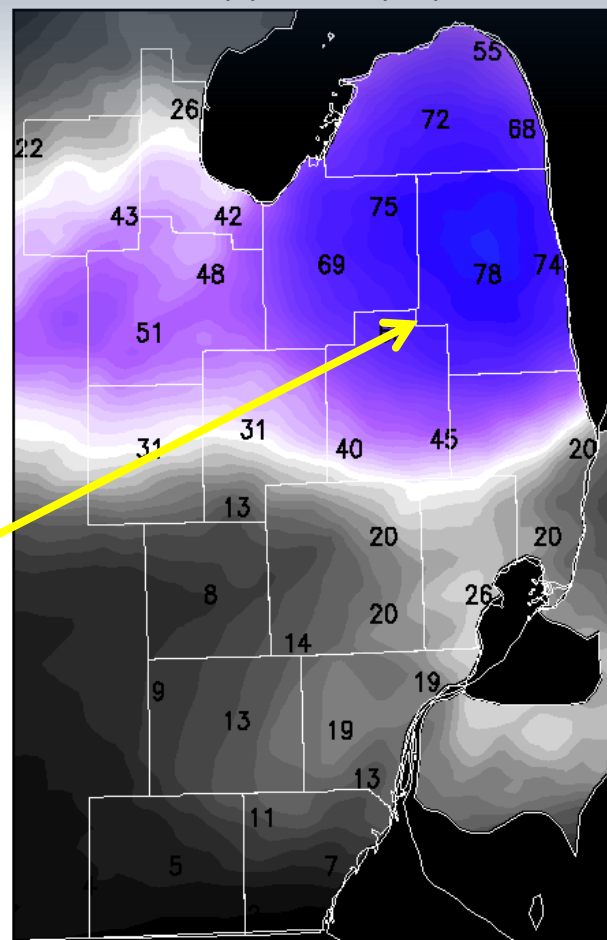


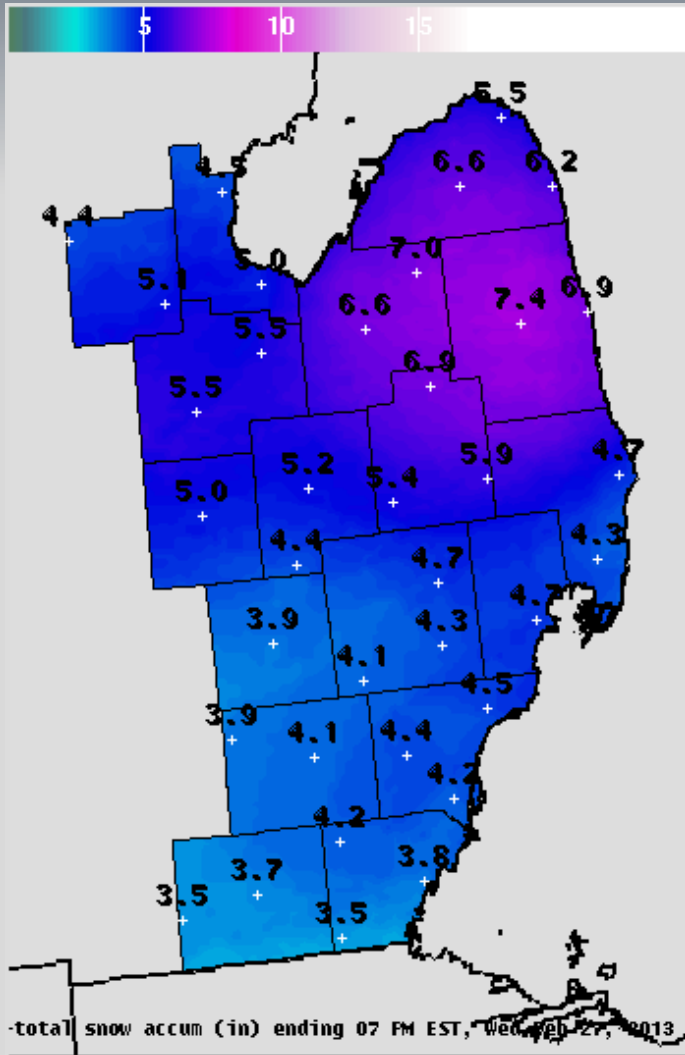
AREA View

High confidence
snowfall totals will
exceed 4 inches.

Moderate to High
confidence snowfall
totals will exceed 6
inches

Storm PSnow (%) thru 02/27/2013 18EST





**Potential for 5 to 8 inches in Thumb and
3 to 6 inches elsewhere over Southeast
Michigan by Wednesday**

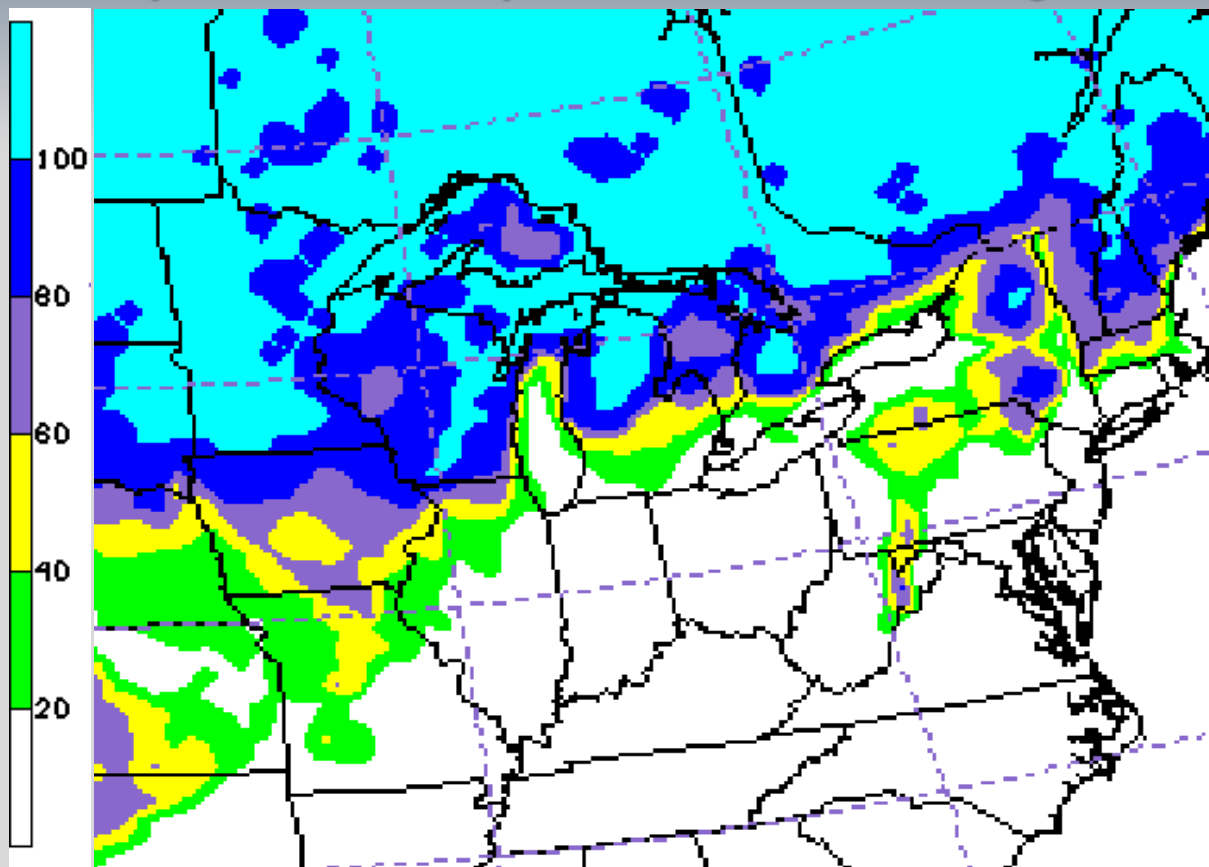
Heavy and Wet Snow Ratios of 7:1 to 10:1



Forecast Challenges



Probability of surface temperatures below freezing this afternoon



Sub-freezing surface temperatures are not a necessity for snow, but in this case the thermal structure is borderline and potential exists for some areas to see a mix of snow, sleet and freezing rain, especially south of Interstate 69. This will most likely cut down on snowfall accumulations.



Additional Information



Local Hazards Page

<http://www.weather.gov/detroit/svr.php>

Great Lakes Marine Portal

<http://www.weather.gov/greatlakes>

Hourly Wind Probabilities

<http://www.crh.noaa.gov/dtx/?n=pwind>

Hourly Snowfall Probabilities

<http://www.crh.noaa.gov/dtx/?n=hourlysnowprobabilities>

NWS Detroit/Pontiac, MI

<http://www.weather.gov/dtx>

Email: w-dtx.webmaster@noaa.gov



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